From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "John Mouw" <mouw@innet.com>
Subject: [2865] Re:
Message-ID: <199608192353.TAA22142@lucky.innet.com>

See if there isn't a diode across the DC power input. Many times a manufacturer will put a "protection diode" across the input to protect from accidental miswiring.
==========
John-KD4GIK Dade City, Florida
Home of Sun, Fun, & Guns!
==========

> From: CHARLES K BROWN <n4so@juno.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject:
> Date: Saturday, August 17, 1996 12:12 PM
>
> I HAVE A TECHNICAL QUESTION ON A PROBLEM WITH THE AEA PK-232MBX.
> THE 1 AMP FUSE BLOWS WHEN THE 13 VOLTS DC POWER IS APPLIED. DC PWR
> GOES THRU A DIODE AND TO 1000 MICROFARAD FILTER CAP AND TO A LM317
> WHICH MEASURES 850 OHMS ON THE LEFT PIN TO GROUND WHICH SEEMS
> CORRECT SINCE 845 OHM RESISTOR IS CONNECTED TO GND, THE RIGHT PIN
> MEASURES A HIGH RESISTANCE, AND ACROSS THE PINS A HIGH RESISTANCE.
> CAN ANYONE HELP IN TROUBLESHOOTING THE POWER INPUT CIRCUIT?
> KEN
> N4SO

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Doug Hendricks <ki6ds@mail.telis.org>
Subject: [2810] "Tree Fishing"
Message-ID: <3218044C.6110@telis.org>

JoAnne and I went camping again this weekend with our new Coleman PopUp Tent Trailer. We went with friends, who have 2 small children. Needless to say, I took along the Sierra and Cascade to do some QRP operating.

When I was putting up the antenna with the slingshot and the fishing reel, Junior, a 5 year old boy who is the son of our friends who went camping with us came up and said, "What you doing, Doug?"
        "Why, I'm tree fishing." I replied.
        He looked at the equipment, stood back and watched as I shot the fishing line and sinker over the tree limb. Then I attached the heavy cord, and then pulled up the dipole fed with twin lead. He didn't say a

word until I finished. Then, he asked, "Do you catch many of those tree fish?"

I answered truthfully, "No, but I sure hope to someday."

He looked up to me, shook his head, and said, "I do my fishing in the water, and I catch fish all the time. Doug, if I were you, I'd try water fishing, because I don't think that tree fishing you are doing looks like it works too good."

With that, he walked away, happy as a lark. I just about busted a gut laughing at his simple solutions to my problem of not catching any "tree fish". Ahh, the innocence of youth.

>

> Have a good day, 72, Doug, on the quest for the missing chips.

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Jeff Gold <JMG@tntech.edu>
Subject: [2822] 49er
Message-ID: <01I8GGKF7X768WW7LD@tntech.edu>

Well, finally had a chance to build my 49er. The only two mods I made were to put the resistors across the final inductors (to get rid of TX problem), and to change out the variable VXO cap and 5 pf cap for a small variable cap. The radio worked the first time. .and I get from 7.039-7.045, as I recall. It puts out almost exactly 200 mw with a 9v battery. Haven't talked to anyone yet.. tried a couple of times. The keying sounds good on my station receiever and the QSK seems to work well. I am currently looking for a small metal container a little bigger than the Altoids box.. a little too cramped for me in that container. Right now it is just hanging in pieces all over my operating table.. hooked a switch in line so I wouldn't have to mess with undoing the 9v. Wonder if a sucrets container is a little bigger than the altoids.

I think Wayne is pretty amazing. He sets out to design something and it seems to come out pretty much the way he wants. The thing I find with Wayne's designs are that they seem to be pretty much very reproducable. They work the way they are suppose to as long as you do a fair job of putting the parts in the correct place and avoid solder joints.

On another note.. have been having a blast with my Cascade. I worked the Dickens out of it Sat.. some contesting, a LONG QSO with a guy up in Canada and some quick QSOs. Mine puts out 3 watts on whistle peeks.. registers about1/2 watt on the meter normal

talking.. the VFO drifts a little.. but nothing to complain about.. I love using it. You Norcal people deserve the hall of fame award for promotting QRP, in my opinion.. NOTHING i have come across does a better job to get the message across.. thanks a million.

72,
Jeff, AC4HF

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [2834] AM vs. SSB receivers question
Message-ID: <Pine.OSF.3.95.960819112058.3072A-100000@duke.usask.ca>

I have been thinking of building a simple superhet receiver. One of the designs I have in mind is the one from the Canadian Advanced Qualification diagram (which I have on my web page http://duke.usask.ca/~buydens/ham).

It looks like the radio is meant for AM reception. Is it possible to receive AM signals from a SSB radio? It would seem that one needs to suppress the carrier and one side band coming in and then send the signal through a normal SSB radio.

What I would like to do is combine the radio in the Advanced Qualification diagram with the digital VFO recently featured in QST to create a receiver capable of receiving all the bands up to 10 meters. I would also like the only tuning necessary to be on the VFO.

It would also seem that be adding a BFO I could also use the radio to receive CW.

Is this possible? Is it practical?

If this works my next step would be to add filtering to the digital VFO and use it for the input to a transmitter (QRP of course).

Has anyone done this? Are there good references to read that would help me plan this?

Thanks.

Brian.

+---+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |

| VE5RDV |
+---+
| "If I had only known, I would have been a locksmith." |
| -- Albert Einstein |
+---+

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "George T. Pasek Jr." <pasek001@maroon.tc.umn.edu>
Subject: [2830] Calling CQ ??
Message-ID: <56148.pasek001@maroon.tc.umn.edu>

This is probably old hat, but humor me, I'm new to QRP and this list. How
does one go about calling CQ QRP?

If I hear someone calling "CQ DX" that tells me that they are looking for
a DX contact. If they are a state-side station, then I would not answer
because they are saying they are not interested in hearing from Minnesota.

If I heard someone calling "CQ QRP" I'd figure they were _looking_ for a
QRP station, and I wouldn't contact them unless I was one.

So if I'm running QRP, and I want stations that hear me calling CQ to know
that I'm weak because of the low power and to stop by for at least a
signal report even is they don't expect to carry on a lengthy QSO, what do
I call?

de George
WD0AKZ

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: jbennett@ebmud.com
Subject: [2832] Calling CQ ??
Message-ID: <9608191716.AA16157@phantasm>

George - the way I've been doing it is to simply add: /QRP after
my call when I'm calling CQ. I don't put it after each iteration
of my call, usually just on the last one. Seems to work pretty
well for me.

<---- Begin Forwarded Message ---->
From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996

From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [2857] Coffee Tin Update!
Message-ID: <19960818.181411.10343.1.WB8YGG@juno.com>

The newest Coffee Tin that my wife bought has a lip
around the top lid.
Seems they decided that a pull away paper was cheaper than the
pull away metal top. (or Safer?)
They have to have a little ledge to glue the paper to,
so there it is!

 Perfect for placing a p.c. board on, ala Tuna TIn II !

          Have fun es 73 Brad WB8YGG

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: 19-Aug-1996 1435 <randolph@est.ENET.dec.com>
Subject: [2842] cores for W7EL wattmeter
Message-ID: <9608191844.AA10107@us4rmc.pko.dec.com>

QRPers,

Just a note about the type 72 ferrite cores used in the W7EL QRP
wattmeter - apparently Amidon doesn't sell that type anymore.

A couple of us here are looking at type 77 as a replacement. I built
up the coupler for the wattmeter and attached coax connectors at the
two "diode" ports... preliminary sweep results look good for using
type 77 as a replacement for type 72. We're using an HP network
analyzer, sweeping 0.3-500 MHz. I'll post again when we finish up!

-Tom R.   N1OOQ   randolph@asic.enet.dec.com

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Warren E. Lewis" <saswel@unx.sas.com>
Subject: [2833] CUrtis Chip
Message-ID: <199608191720.AA25128@cardamom.unx.sas.com>

Gang,

  A friend of mine has a 16 pin Curtis 8044 keyer chip.
Currently, it is set for Mode A type keying. He would like
for it to do Mode B. Is this even possible? And if so what
pin or pins and what needs to be changed?

BTW it is the keyer that came inside of a Brass Racer that
he picked up.

thanks for any help - Warren

--
Warren E. Lewis saswel@unx.sas.com
Technical Support Division (919) 677-8001 x6542
SAS Institute Inc. PP-ASEL
Cary, NC AD4ZE QRP-L#78 DOD#0021

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: k3as@dol.net (Bill Marsh)
Subject: [2836] Delaware QRP
Message-ID: <v01540b00ae3e5db1211e@[204.183.91.103]>

Due to the apparent scarcity of DE QRP activity, K3AS will make an attempt to to provide a CW QRP QSO and QSL to as many stations as I can work with my less than perfect antenna and the dismal propagation conditions that we have been confronted with recently. I will post a schedule each week, not necessarily on the same day, and this attempt will continue until there is no more need for it. As we get into the winter season and propagation hopefully improves I'll try it more than once a week , until everybody who needs Delaware can get it.

The day and times for this first attempt were chosen roughly at random. But I'm flexible so if anybody out there has any suggestions for a day (weekends maybe?) or time that would be more effective to get the job done, drop me an e-mail.

I'll get your QSL card in the mail the morning after the QSO, if you don't get it within a week notify me by e-mail and I'll send you another one.

Sorry, no 30 meter equipment here yet....maybe by early winter.

I will be calling CQ QRPL at the times and frequencies below:

Aug. 20 2300-2330Z 14.060 +- 5 I'll try to find a clear spot
Aug. 20 2330-2400Z 7.040 +- 5 Same
Aug. 21 0200-0230Z 3.560 +- 5 Still Aug. 20 in USA

I'll try it and see what happens.

72 Bill K3AS

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: PaulKB8N@aol.com
Subject: [2858] Digibrain VFO FS
Message-ID: <960819181532_505092066@emout15.mail.aol.com>

Gang, I built the digi-brain VFO from Feb QST and it works great, covers 5.0-5.5MHz (with significant overrun on either end of the spectrum) and has a nifty digital display. It was set up as a remote VFO for my Corsair, but will work with many of the TenTec rigs. The original cost was $95, will sell for $60 without enclosure, or $70 in an enclosure with TenTec tuning knob. Plus shipping. This would make a great start for a small digital rig. 73, Paul

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: PaulKB8N@aol.com
Subject: [2862] Electronic Component Suppliers
Message-ID: <960819185757_460351525@emout17.mail.aol.com>

Gang,
John F. Woods (jfw@ksr.com) puts out an excellent listing of parts suppliers at http://www.ee.washington.edu/eeca/text/suppliers.html#surplus. I have attempted to reach him by his listed E-Mail Address, but to no avail. Anyone know of a good E-Mail, snail mail, or phone listing for John? Anyone know his call?

Thanks, Paul, KB8N

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: David Adams <dave@flowserver.stem.com>
Subject: [2844] Explorer I and the KC2
Message-ID: <9608191845.AA11849@flowserver.stem.com>

Well, the quest to add a KC2 to my 40m Explorer I is complete.
After toasting a transistor or two and some wiring errors (not to mention cold solder joints, everything is up and running).

Here's the skinny...

First, the KC2 will not fit on the front panel of the explorer without substantial (and more than likely ugly) modification. However, the case is sufficiently deep to allow the keyer to be mounted on the top of the case behind the tuning cap. This turns out to be rather handy as the explorer is the rig that travels outdoors with me and now when it is sitting on the ground in front of me, I can read the freq without craning my neck!

Because the keyer is mounted directly above the board, I opted to wire the KC2 to the component side to keep all the leads short (all but the VFO and gnd could be routed underneath, of course, but I prefer the direct route). In addition, I recommend using an 18-pin dual row connector on J3 (KC2) to facilitate removal of the explorer's cover...I thought of this too late. The connections are all fairly straight forward and are summarized below.

VFO - Connect this to R42 (This is the same resistor used for the frequency counter connection during rig alignment). Use a 47 pf cap (Cv) between the lead and the resistor. I found the 38pf was too small a value and 51pf was too large...so really...use a 47pf cap!

GND - Any nearby ground point will do, but I found the ground side of R45 (near R42) to be convenient and effective. I used RG174 for my vfo and ground connections, so this made a nice, close connection site.

S-METER - Connect this lead to R10 (it's near the 3 wire af gain connection (R12)). This is an effective point and, once again, offers a convenient connection location. Use a .1 uF cap (Cs) between the resistor and the line.

KEYLINE - Remove the yellow wire from the rigs existing key jack and connect this to the KC2 (wire now runs from KC2 to pad marked "Key" on Explorer board). Replace rigs existing jack with a stereo jack and connect the dot and dash lines to the jack.

RF Meter - I breadboarded the RF detector circuit listed in Appendix C of the manual and rigged it up between the jack and the keyer. It seems to work fine...I have since removed it as I intend to make a smaller version on a pcb.

V+ - Connect this to Lug 3 of the 3 lug terminal strip (TB2) near the front panel.

BAND1/BAND2 - no connection.

That's it. Pretty simple all things considered...everything works as advertised and (oddly) this is my first HF rig ever with digital

display...I'm a happy camper...now all I need is to buy another
keyer for the Cascade...

73 de dave, n9uxu

=-=
David J Adams   N9UXU QRP-L #83
dave@flowserver.stem.com   NorCal QRP #1442
(415) 813-5028   Flow Cytometry Specialist

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>
Subject: [2839] FS: KC-2 kit
Message-ID: <199608191754.NAA14786@bort.mv.net>

Hello all:

   As I've realized the KC-2 is overkill for my 40A , I've opted for a KC-1 instead. Therefore, I'm offering up my unbuilt KC-2 kit for $65.00, shipping included to the lower 48.

  If interested, please drop me a note.

  Thanks/72==Phil (KB1GO)
****
*   Phil Rutledge--KB1GO-- rut@mcrut.mv.com   *
****

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Dennis Marandos <k1lgq@dennis.mv.com>
Subject: [2871] Fwd: FW: INTERNET VIRUS
Message-ID: <199608200201.WAA24377@bort.mv.net>

>Date: 18 Aug 96 18:03:27 EDT
>From: Bob Kravitz <74567.1421@CompuServe.COM>
>To: K Stephen Johnson <sjohnson@meceng.coe.neu.edu>,
>   DAVID MANNY <75354.536@CompuServe.COM>,
>   Dennis Marandos <k1lgq@dennis.mv.com>,
>   Jason Morton <Jason,Morton@gsbsc.gensig.com>,
>   RAY STEVENS <75610.1231@CompuServe.COM>,

>   Raymond W Tabloski <raytab@juno.com>,
>   "David L. Taylor" <73563.3352@CompuServe.COM>,
>   "Stephen M. Wnuk" <73312.1552@CompuServe.COM>
>Subject: Fwd: FW: INTERNET VIRUS
>
>
>---------- Forwarded Message ----------
>
>From: INTERNET:BarcodeMe@aol.com, INTERNET:BarcodeMe@aol.com
>TO: (unknown), 103212,3156
>   (unknown), 102173,2132
>   Bob Kravitz, 74567,1421
>   Stan Podlasek, 104451,1720
>   (unknown), INTERNET:RUTHAMC@AOL.COM
>   (unknown), INTERNET:BARBARA.BAKER@ANIXTER.COM
>   (unknown), INTERNET:NOFEAR@IASTATE.EDU
>   (unknown), INTERNET:3552BARTONS@VMSA.CSD.MU.EDU
>   (unknown), INTERNET:ALLENGH@CCMAIL.CECO.COM
>   (unknown), INTERNET:MALLEN2@WHQPC4.ETN.COM
>   (unknown), INTERNET:FUNSIZE3@AOL.COM
>   (unknown), INTERNET:SBARTON100@AOL.COM
>   (unknown), INTERNET:THOMAS_HILLMAN@NOTES.PW.COM
>   (unknown), INTERNET:RRFRITZ@ZEBRA.COM
>   (unknown), INTERNET:MRSTD1186@AOL.COM
>   (unknown), INTERNET:BARBARA.BAKER@CORP.ANIXTER.COM
>   (unknown), INTERNET:MELISALLEN@AOL.COM
>   (unknown), INTERNET:JAYKLISTER@AOL.COM
>   (unknown), INTERNET:CITYSLICKN@AOL.COM
>   (unknown), INTERNET:SUSAN_C._ALLSHOUSE@FCBBS.SS.KPMG.COM
>   (unknown), INTERNET:AMY@LFGSOM.LFC.EDU
>   (unknown), INTERNET:JTINSLEY@AOL.COM
>   (unknown), INTERNET:GGOOD69189@AOL.COM
>DATE: 8/12/96 10:58 PM
>
>RE: Fwd: FW: INTERNET VIRUS
>
>Sender: barcodeme@aol.com
>Received: from emout07.mail.aol.com (emout07.mx.aol.com [198.81.11.22]) by
arl-img-2.compuserve.com (8.6.10/5.950515)
>   id WAA18473; Mon, 12 Aug 1996 22:56:14 -0400
>From: <BarcodeMe@aol.com>
>Received: by emout07.mail.aol.com (8.6.12/8.6.12) id WAA10196; Mon, 12 Aug
1996 22:53:38 -0400
>Date: Mon, 12 Aug 1996 22:53:38 -0400
>Message-ID: <960812225338_258070528@emout07.mail.aol.com>
>To: RuthAMC@aol.com, barbara.baker@anixter.com, nofear@iastate.edu,
>   3552Bartons@vmsa.csd.mu.edu, allengh@ccmail.ceco.com,
>   mallen2@whqpc4.etn.com, Funsize3@aol.com, SBarton100@aol.com,

>   thomas_hillman@notes.pw.com, RRFritz@zebra.com, MRSTD1186@aol.com,
>   Barbara.Baker@corp.anixter.com, MELISALLEN@aol.com, JayKlister@aol.com,
>   CitySlickn@aol.com, 103212.3156@compuserve.com,
>   102173.2132@compuserve.com, 74567.1421@compuserve.com,
>   104451.1720@compuserve.com, Susan_C._Allshouse@fcbbs.ss.kpmg.com,
>   amy@lfgsom.lfc.edu, JTinsley@aol.com, GGood69189@aol.com
>Subject: Fwd: FW: INTERNET VIRUS
>
>This is important!!!
>---------------------
>Forwarded message:
>From: Klister_Jon@macmail1.csg.mot.com (Klister Jon)
>To: BarcodeMe@aol.com
>Date: 96-08-12 12:35:44 EDT
>
>
>____
>_
>From: Baldwin Duane on Fri, Aug 9, 1996 10:25
>Subject: FW: INTERNET VIRUS
>To: Black Brad; Bonacci Connie; Casey Daniel; Cedeno Dave; Cednick Les; Coder
>Jeffrey; Collier Hal; Eggert Mark; Gil Pete; Johnson Randy; Kamedula Michele;
>Klister Jon; Krahenbuhl John; Lewicki Thomas; McDonagh Paul; Molitor Jeff;
>Rice Steve; Robinson Marvell; Rodriguez Oscar; Santucci Joe; VanRyswyk Jim;
>Victory David; Wan Vincent; Ward Timothy; Wasik Richard; Way Kenneth;
>Wuennemann Jeff
>
>
>____
>_
>From: Fernandez Allan on Fri, Aug 9, 1996 9:52 AM
>Subject: INTERNET VIRUS
>To: Barca Wayne; Carter Tommie; Gayer Ryan; Paisker Scott
>
>
>   Please pass on this information to your colleagues.
>
>   There is a computer virus that is being sent across the Internet. If
>   you receive an email message with the subject line "Good Times", DO NOT
>
>   read the message, DELETE it immediately. Please read the messages
>   below. Some miscreant is sending email under the title "Good Times"
>   nationwide, if you get anything like this, DON'T DOWN LOAD THE FILE!
>   It has a virus that rewrites your hard drive, obliterating anything on
>   it. please be careful and forward this mail to anyone you care about.
>
>   The FCC released a warning last Wednesday concerning a matter of major
>   importance to any regular user of the Internet. Apparently a new

> computer virus has been engineered by a user of AMERICA ON LINE that
> is unparalleled in its destructive capability. Other more well-known
> viruses such as "Stoned", "Airwolf" and "Michaelangelo" pale in
> comparison to the prospects of this newest creation by a warped
> mentality. What makes this virus so terrifying, said the FCC, is the
> fact that no program needs to be exchanged for a new computer to be
> infected. It can be spread through the existing email systems of the
> Internet.
>
> Once a Computer is infected, one of several things can happen. If
> the computer contains a hard drive, that will most likely be
> destroyed. If the program is not stopped, the computer's processor
> will be placed in an nth-complexity infinite binary loop -which can
> severely damage the processor if left running that way too long.
>
> Unfortunately, most novice computer users will not realize what is
> happening until it is far too late. Luckily, there is one sure means
> of detecting what is now known as the "Good Times" virus. It always
> travels to new computers the same way in a text email message with the
> subject line reading "Good Times". Avoiding infection is easy once the
> file has been received simply by NOT READING IT! The act of loading
> the file into the mail server's ASCII buffer causes the "Good Times"
> mainline program to initialize and execute.
>
> The program is highly intelligent- it will send copies of itself to
> everyone whose email address is contained in a receive-mail file or a
> sent-mail file, if it can find one. It will then proceed to trash the
> computer it is running on.
>
> The bottom line is: - if you receive a file with the subject line
> "Good Times", delete it immediately! Do not read it" Rest assured
> that whoever' ame was on the "From" line was surely struck by the
> virus. Warn your friends and local system users of this newest threat
> to the Internet! It could save them a lot of time and money.
>
> Could you pass this along to your global mailing list as well?
>
>
> Subject: New and Dangerous Virus For your information ...
>
> DO NOT DOWNLOAD ANY FILE NAMED PKZIP300 REGARDLESS OF THE EXTENSION
>
> We work closely with the military and received this message from a
> very reliable source in DC this morning.
>
> A NEW Trojan Horse Virus has emerged on the internet with the name
> PKZIP300.ZIP, so named as to give the impression that this file is a
> new version of the PKZIP software used to "ZIP" (compress) files.

>
>   DO NOT DOWNLOAD this file under any circumstances!!! If you install or
>   expand this file, the virus WILL wipe your hard disk clean and affect
>   modems at 14.4 and higher. This is an extremely destructive virus and
>   there is NOT yet a way of cleaning up this one.
>
>   REPEAT: DO NOT DOWNLOAD ANY FILE NAMED PKZIP300 REGARDLESS OF THE
>   EXTENSION.
>   --
>
>
>
>
>
>
>
>

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Norbert.Heyder@erno.de
Subject: [2809] FY/DJ0PJ is Operating QRP
Message-ID: <9608190603.AA00617@mail-s.erno.de>

Hi gang,

just want to let you know that Dave, FY/DJ0PJ is operating with
his QRP+ from French Guiana until 11th Sept. '96!
He will be QRV each night.
I worked him last Friday on 14.059Mc at 19:30UTC.
He also likes to be on 10.116Mc!

72 de Bert, DL8BDF (qrp-l #204)

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Joel Malman <malman@BBN.COM>
Subject: [2868] gel cells
Message-ID: <199608200006.UAA41042@nss2.CC.Lehigh.EDU>

Can the person with gel cells for sale, please contact me.

thanks,

joel   wa1qvm (malman@bbn.com)

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: GARY McCAUGHEY <MAIL4GARY@worldnet.att.net>
Subject: [2724] Good sources for Solar Panels??

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt Club QRP Reference Library, (301)572-6789

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: WJ4PRandy@aol.com
Subject: [2814] HW7 Mods- the T/R switch
Message-ID: <960819085541_263093113@emout15.mail.aol.com>

One of the things I really hated about
my HW7 was the loud "crack!" I got every
time the T/R relay operated in and out.
Over the years I have tried many different
relays, and circuits to mute and switch the
antenna back and forth but usually with no
"big" improvement. I also fell in love with
full break-in, which made this deficiency
in the HW7 even worse. Borrowing from
a circuit thats been in hamdom for some
time I present a relay-less T/R switch mod
that makes full break-in a reality for the HW7.

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>
Subject: [2815] KC-1
Message-ID: <199608191309.JAA29467@bort.mv.net>

Hi All,
   Does anyone know if the "special compatable KC-1 front panel" for the 40A
is a reality or not?

Thanks & 72==Phil
****
*   Phil Rutledge--KB1GO-- rut@mcrut.mv.com   *

****

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [2809] KC2 Manual Addendum & early field-test results
Message-ID: <199608190438.VAA08853@mh1.well.com>

Early results are in: at least three KC2s are installed and working! No DOAs yet (fingers crossed :). I received much useful feedback from Rob Capon, WA3ULH, and learned a thing or two in helping Dwight Graham, WA6NAE, get his KC2 up and running. No word from Preston yet -- didja get that magnifying lamp strapped on, yet? Also, thanks go to Dave Meacham, W6EMD for figuring out the details of the Cascade AGC mod (as suggested in Appendix E of the KC2 manual).

The rest of this posting is the KC2 manual addendum, which (Doug willing) will end up in QRPp. It includes Dave's Cascade AGC posting since some who will get this mailing are not on QRP-L.

Even if you've already started on your KC2, please reall ALL the addenda so you'll know what problems we've found.

Keep me posted on further KC2 ideas or problems. And don't forget that the KC2-compatible Sierra panels will be available soon, hopefully next week. You can make arrangements with Bob at 415-494-3806.

73,
Wayne
N6KR

* * *

KC2 Manual Addendum
Wayne Burdick, N6KR   Aug. 18, 1996

Please make the following IMPORTANT corrections to your KC2 manual. These corrections only apply to the first version of the manual, which has the sub-title "NorCal QRP Club Field Test Edition" near the top of the cover page.   At the very least you should read through all of the corrections and make notes in the manual to refer to the addendum.

Note: Three additional parts may be added to KC2 kits shipped after August 18: (1) a 15 pF cap that can be used as the VFO coupling cap (Cv) for most installations; a .047 uF cap that can be used as the S-meter amplifier coupling cap (Cs) for most installations; a 150 ohm resistor (see Troubleshooting, below). These parts are not on the parts list.

Assembly

Page 3, left col., above check-box "Identify all the components...": Add check-box, "Separate the two PC boards by snapping off the small tabs that join them. This should be done by hand to avoid damaging the boards."

Page 5, right col., before last line: Add check-box with text, "Peel off the protective plastic from the face of the LCD."

Installation

Page 6, right col., after the check-box "If you're using the rig's existing key jack...": Add text, "In the case of the Sierra, if you cut the traces to the key jack you must RECONNECT the cathode end of D10 to the rig's KEYLINE using a jumper."

Page 7, right col, after "Note: Do not open and close the hinge...": Add check-box, "Solder just the ground and V+ wires to the KC2. Temporarily connect these two wires to any 7 to 16V DC source as a test. You should see a firmware revision number, then some 4-digit frequency display. Disconnect the power source before continuing with installation."

Operation

Page 13, left col., just before subtitle "Keyer": Add paragraph, "In the case of the Wilderness Sierra, the RF power reading is adjusted with R36 (labeled RF CAL) near the antenna jack. On the NorCal Sierra, use R101 (labeled RF SENS)."

Troubleshooting

Page 15, at the bottom: Add paragraph "High-pitch noise or clicks heard in headphones: This may be caused by inadequate power-supply decoupling. Add a 150 ohm resistor in series with the KC2's V+ connection (J3, pin 17).

Appendix E

Page 21, after the Wilderness Sierra connections table: Add text, "Note: Current Sierra manuals tell you to use the pad labeled "S" on the Sierra PC board for connecting an S-meter.   The KC2 provides its own S-meter detector, so you take the output directly from the AF amp, not the Sierra's own AGC detector."

Page 22, after the NorCal Sierra connections table: Add same text as above.

Page 22, at the bottom: Attach the following article written by Dave Meacham, W6EMD. Dave has expanded on my original comments about the Cascade AGC and describes exactly how to perform the modification.

IMPROVED AGC FOR THE CASCADE

by David D. Meacham, W6EMD
206 Frances Lane, Redwood City, CA 94062
ddm@datatamers.com

This modification moves the AGC pick-off point from the output of Q5 to a point AHEAD of the AF Gain control. It also utilizes the unused half of U8 as an AGC amplifier. The result is excellent AGC action that is independent of the AF-Gain-control setting. In addition, it provides an ideal pick-off point for the S-meter input of a KC-2.

The only above-board change is to replace R70 with a 22k-Ohm resistor. All the remaining changes will be done on the underside of the board, "dead-bug" style, with most connections going to the pins of U8, an NE5532.

Step 1: Cut the short trace going from R70 to a long trace joining C42, C41, C35, R26, and pin 4 of U5.

Step 2: Connect a jumper wire from pin 5 to pin 3 of U8.

Step 3: Connect an insulated wire from pin 7 of U8 to R70 at the point where the trace was cut earlier.

Step 4: Connect a 1k-Ohm resistor and a 1uF monolithic capacitor in series with very-short joining leads. Then connect this combination between pin 6 and pin 1 of U8 with the resistor going to pin 6.

Step 5: Connect a 75k-Ohm (or 68k-Ohm) resistor in parallel with a 680pF monolithic capacitor using very-short leads on the resistor. Leave the capacitor leads extending as they came originally. Trim and solder those two leads to fit on pins 6 and 7 of U8.

Now U8b amplifies the output of U8a and drives the existing AGC circuit. R70 was changed to provide a slower turn-on time to minimize the initial "thump" of an SSB signal.

The pick-off point for a KC-2 S-meter is the side of R70 that goes to
pin 7 of U8. Approximate AF levels at this point follow:

Cascade RF-Input Power	AF Voltage (peak-to-peak)
-10dBm	4.8V
-100dBm	85mV

Now set the AGC threshold potentiometer (R64) fully counter clockwise.
Turn it slightly clockwise until you see 0.5VDC at the cathode of D5.
That is the setting I use. Enjoy!

72, Dave, W6EMD

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: PDouglas12@aol.com
Subject: [2873] KC2 under magnifyer--passes startup test
Message-ID: <960819231320_460576302@emout16.mail.aol.com>

Gang,

Although I never doubted it for a minute, the KC2 came up with version number and a four digit readout, as promised in Wayne's addendum to the field test manual. I gotta' working KC2! And the magnifyer was just a joy to use. Good light, and good vision really help with the small boards. Now to get it reading freq and keying the Norcal Sierra. I hope Wilderness gets those pre-cut front panels in soon! I hate the drill and nibble and file method of making square holes!

And the manual is as close to perfect as I have seen, with little room for improvement in the commercial version to come. Thanks Wayne.

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: mykey@aztec.asu.edu (MICHAEL C. TODD)

Subject: [2838] keyers
Message-ID: <9608191751.AA20572@aztec.asu.edu>

Can someone please tell me what the characteristics are for Iambic A
and Iambic B modes?

tnx W9UQB Mike

--

[B[C

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [2866] Lighting
Message-ID: <Pine.SOL.3.94.960819194416.24240C-100000@utkux4.utcc.utk.edu>

Bob,

My server will not connect to commercial servers right now, so am sending
this via qrp-l. Perhaps it may be of use (pro or con) to others, and it's
the only way I can get thru to you at the moment.

> I'd like to hear a little more about your shop lighting since I'm going to
> be re-doing my shop one of these days. Are those two 200 watts reader lamps

My present radio bench is section of countertop resting on two wood file
cabinets. The room has a finished ceiling, so my lamps are Better Light
Better Sight certified reading lamps on either side of the main work area.
Each is about 2' tall, with shade and diffuser and heavy base, which is
why they can seem to get in the way occasionally. The back of the bench
has a shelf unit with test equipment, and I use the shelf unit for both a
clip-on lamp and the elbow-magnifier lamp. The Clip-on lamp does the same
work that someone else wrote of as needing a flashlight. I also keep a 4X
hand magnifier and a 10X magnifier used by the vision impaired for
reading--all have their place in checking construction aspects in addition
to the light magnifier and another unlighted magnifier.

Shop lights--long fluorescent fixtures--for high general illumination are
good substitutes for the 2 lamps if 1. They have diffusers to eliminate
shadows and 2. They use tubes that are richer in red-end color than the
older blue-to-uv tubes--which can cause eye strain after a while for many

people. Diffusers also help keep one from looking directly at the light tubes, another strain source.

Incidentally, people do vary in their sensitivity to various parts of the spectrum, even if their eyes fall within the normal range of color perception. Hence, color differentiation of close shades or various intensities may vary from person to person. Some folks have difficulty seeing the difference of the tiny blue vs. green stripes of resistor color codes, especially on the lighter color background of 1/8 and 1/4 watt units--others have no trouble. I have used trial WWW pages with a cyan background, deep (midnight) blue print, and normal midrange blue for links--most people found this very readable, but a couple saw it all of nearly the same color and intensity. All this means that each person will have to work through the process of setting up a well-illuminated bench area to suit him or herself. In the end, the best guidelines are very general: 1. avoid sources of eyestrain, such as looking at the light source; 2. avoid sharp light-to-shadow transitions; 3. use diffused light to reduce shadows; 4. use supplemental light for tricky viewing situations; and 5. use enough light. Not only do I want to see your finished product; I want you to be able to see your finished product. For every ten years of age, multiply the importance of these factors by three.

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [2846] LOWFER'S??
Message-ID: <9608191923.AA23234@itg.ti.com>

From: Brad Bradfield   QLF

Subj: LOWFER'S??

I've seen brief notes here on the QRP-L about activity on the 160-190 kHz "Lowfer" band. Could someone please send me (direct, please) some basic information on this band; power and antenna limits, modes, equipment, sources of information, etc?

73's

Brad, WB0CGH
****
Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 214-462-6230
Real men talk with their fingers!
QLF@MSG.TI.COM
WB0CGH@WO5H.#DFW.TX.USA.NA
ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72
Collector of wireless and landline Morse keys and accessories.
****

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: thom.lacosta@fido261.qis.net (Thom LaCosta)
Subject: [2827] New List
Message-ID: <1ee_9608191246@fido261.qis.net>

Hello All!
I've started yet another mailling list...devoted to Amateur Equipment no longer in production.

Why another list when boatanchors exists?
A. There are no plans at this time to charge for access to this list
B. My ISP wants to have a realistic test of an off-site list, and asked me to create one that would cater to a group of folks who have demonstrated an ability NOT to abuse a list

Here's the FAQ file for OTRIG

Discussions concerning Amateur Radio Equipment no longer in production

The OTRIG mailing list is designed to be a forum for discussions concerning amateur radio equipment that is no longer in production. It is expected that members of the list will not only post messages concerning equipment of older vintage that is for sale, but also equipment that they desire to obtain. Questions and answers concerning modifications are encouraged.
Participants are from around the world; please keep polite especially if someone makes what looks like to us a silly mistake.

Language: English

Requests for subscriptions to this list must be addressed to:

listserv@fablotz.min.net

Posts to the list are made to:
otrig-l@fablotz.min.net

Thom LaCosta
K3HRN
thom@fido261.qis.net
Our Business is Business
--
|Fidonet: Thom LaCosta 1:261/1352
|Internet: thom.lacosta@fido261.qis.net
|Standard disclaimer: Take a Naugha to Lunch today YOU pay the bill!

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: KFGlynn@aol.com
Subject: [2816] Nice DX Sun on 40M
Message-ID: <960819093439_388661914@emout17.mail.aol.com>

Hi gang,

I was portable QRP Sat and Sun, and I had 3 nice DX QSOs using my 40M
inverted-v.

Worked TF3AA on 7.024 for 25 mins 2035-2100z. He was 599 to me. He went
down to 5 watts, and was 569. My RST was between 569 and 599 during our
chat.

Worked CT1FJK at 2100z on 7.005 briefly. I recd 559.

Worked EI6AK from County Cork. Glad to work Ireland on CW. RST only 349,
but he did hear me.

Also had a good signal into MI and FL from QTH in Brooklyn, NYC. Setup the
dipole as a flat top zepp on Sat, but I think the inverted-v was a better
configuration.

73 Kevin KB2TEO

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: WJ4PRandy@aol.com
Subject: [2820] Oops! hw7 t/r switch....
Message-ID: <960819102719_182411322@emout16.mail.aol.com>

Sorry folks, the post for the T/R switch
wasnt complete before I invoked my
"flashmail" download. Sorry. It will
be out later today when I finish it...
73, Randy WJ4P

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: thom.lacosta@fido261.qis.net (Thom LaCosta)
Subject: [2853] OTRIG Mail List
Message-ID: <1f6_9608191705@fido261.qis.net>

Hello All!
   Guess I wasn't too clear....to subscribe to OTRIG you need
to have:

subscribe otrig
in the body of the message to:

listserv@fablotz.min.net

Dont subscribe to otrig-l....that's the post to address

sorry for the confusion

Thom LaCosta
K3HRN
thom@fido261.qis.net
Our Business is Business
--
|Fidonet: Thom LaCosta 1:261/1352
|Internet: thom.lacosta@fido261.qis.net
|Standard disclaimer: Take a Naugha to Lunch today YOU pay the bill!

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: meh@cbsms1.cb.lucent.com
Subject: [2812] patron saint of hams
Message-ID: <199608191208.IAA06950@attrh1.attrh.att.com>

Hello all

Saw this on the digest today

>>   Did you say Martha Stewart wouldn't approve? AH, but Rube Goldberg would.
>
>

Ah another true believer in the patron saint of hams.

Marty kd8bj

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [2841] QRP and summertime trips
Message-ID: <Pine.3.89.9608191247.H18859-0100000@w3eax.umd.edu>

Well, another summer trip has come and gone...so where does QRP fit in?

A 95' center-fed wire up 40' in the trees over a freshwater lake, and a half-wave 40m off-center-fed sloper with the high end some 45' up. You'd think we'd be able to crack the QRP pileups, eh?

Terribly stormy condx on 40 and 80 left S9+ static up in SE Ontario, hundreds of miles from the nearest T-storm. Down the east coast, BOY did they get walloped.

QRP??? Made a few contacts, would have made just as many as I ended up doing, even though I had to bump up to 50 watts just to get through and be heard consistently. I could hear other peoples' 50 watts just fine, so I can only imagine how bad the QRN was over the eastern US...

So basically, I would have had 30-second QSOs at 5 watts, whereas I had some very enjoyable 10-minute QSOs at 50 watts. I have sinned...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2860] Signature of K5FO
Message-ID: <199608192148.VAA24691@chuck.dallas.sgi.com>

Jack Bryant, W5TFB, was the first and only person to ask me
about my signature and why I had 127 confirmed for the number
confirmed?

See, Jack has a PhD in Mathematics and he knew that there were
only 50 states. :-) The confirmed is for the number of QSLs
for the 222 QSOs. I was interested in keeping track of the
percentage returns I was getting on QSLs. It has over the past
three years been averaging about 80%. I know that the signature
implies states, but the numbers do not. :-)

I am three states away from three band WAS. And all this in less
than three years time at low power and with a modest antenna system.
What sunspots? We don't need no sunspots for 20M and below. :-)
When the spots are low stay on the low bands. When the spots are
high then you better move up to the higher freqs and stay there.
I'll buy a 17M rig and start up there in a few years when the band
starts to open up more. Right now I haven't been listening up there.
The Corsair is still in the closet. :-)

Thanks to the gentleman from RI for his announcement for getting
on 20, 40, and 80. We have someone else from RI on 30M but he hasn't
announced it and probably will not unless he wants to really get
flooded with email and generating a pileup on 30M when he does
get on. :-)

dit dit es gl to all 6 weeks and counting
Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO   TMPS 1995 Qs=222 States=46 Confirmed=127 DX=04 (0.95W)
K5FO   TMPS 1996 Qs=084 States=33 Confirmed=54   DX=04 (0.95W)
40M 49wkd/49cfmd 30M 48wkd/48cfmd   20M 50wkd/50cfmd (0.95W)

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: lve1@inel.gov (Larry V East)
Subject: [2835] Solar Panels
Message-ID: <2.2.16.19960819173456.19dfed7a@eloi>

>From a recent post:
> The panel I chose is a very solid steel backed 500 ma
>job from Anentnas West. It has no glass, won't break if I drop it. What's
>that you say? You'll never drop it? How about your wife as she hands it up
>to you on the roof, or out the window? hummm?
>
I would like to offer a "testimonial" for this very rugged (but NOT cheap)

solar panel. I bought one about three or four years ago and mounted in on top of my motor home. That summer my wife and daughter were in a camp ground in Colorado (in the motor home) when one of those hail storms with golf-ball size hail hit. The hail shattered everything but the solar panel on the roof of the RV, and, in fact, I had to end up getting the entire roof replaced. But, the solar panel survived, and I'm still using it! Maybe one or two of the cells got clobbered, but I don't notice any significant reduction in output. Nuff said...

72, Larry W1HUE/7

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [2840] Solar panels
Message-ID: <Pine.3.89.9608191210.B18859-0100000@w3eax.umd.edu>

I don't know if anyone else has seen this guy, but I'll assume so since he was at Dayton and shows up all over the East Coast. His name is Pete DiFilippo and he said that the solar fabricating company he used to work for went belly-up and he bought a bunch of their stock.

$65 gets you a folding plastic case with a pair of panels putting out 600-700 of short circuit current. Also includes a charge controller for 6, 9, and 12 VDC nominally, a bunch of adaptors, and a pair of clips for battery charging.

I couldn't quite run the Explorer II on it in partial sun (300 ma at 2.5 watts out) but it's compact, portable, and complete, AND he only gets $65 for the whole setup.

He'll be at Gaithersburg, MD in September, I think he said...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: scott.thomas@circellar.com
Subject: [2867] Solar Panels
Message-ID: <9608191949.0RUXP01@circellar.com>

When I was shopping for a small solar panel, the best deal I came across was from Backwoods Solar in Sandpoint, ID. Their 95-96 catalog offers a Solarex 10 watt panel for $90. I get about 400mw out of it in avg sunlight. Its unbreakable, sealed in platic on an alum back -- plug and play. The size of an open magazine. Their phone is (208) 263-4290.

Scott.

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [2828] Solar Panels & Charge Controllers
Message-ID: <Pine.BSI.3.93.960819122631.7508A-100000@u1.abs.net>

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [2850] Survey Results [long]
Message-ID: <199608192024.UAA24440@chuck.dallas.sgi.com>

Gang,

On June 12, 1996 I sent out a survey of questions to be returned to me via email. This posting is the result of that survey.

I personally would have thought that more people from this group would have wanted their input into the survey, but alas that was not to be. Out of the more than 1100+ subscribers to this group I got some 188 valid surveys filled out. Statistically you can do whatever you want from that number and here is the raw data with no personal analysis of same. I'd guess the results are biased due to the personalities and nature of the individuals that did respond. Thanks to all that took the time and trouble to wade through the questions.

You will note that in some areas the totals do not add up to 188. This was due to missing data, i.e. individual filled out the rest of the form but omitted several answers or gave an invalid answer. I was surprised by the number of people that answered with a 0 where the range was supposed to be 1 to 10, but I went ahead and counted the zeros. No biggie.

So I guess we can study the results and work on a better survey for next year. It's not something that this group wants to do every month or even more than once a year.

****
The person or persons that post this back to this group in its
entirety will be banned from any further postings period. This
falls under the zero-tolerance policy for failure to behave in a
civil manner and besides that you will get enough hate-email to
last you a lifetime before this action is even taken. :-)
Read this paragraph and again just in case. This is just too
long to be posted more than once. EOD (End of Discussion)
****
292 lines   2132 words   11479 characters in this posting
before the addition of my signature and email headings.

General discussions on specific topics I guess would be tolerated
but email traffic will tell us just how much will be tolerated and
a few sore-heads will pop up out of the noise level anyway. :-)

BTW: Please do not send me your answers to this survey as input into
the results. Input is now terminated and this survey is ended
until June of next year. Yes, I know that there are a 1,000 other
things that need to be surveyed and a bunch of analysis needs to
be done, but this is a simple survey with simple results. Not
intended to satisfy any particular group. The survey was taken under
an implied non-disclosure agreement between me and the individuals
responding to same, thus I don't feel comfortable releasing the
raw data to anyone, thus I prefer that you not ask for the data
to do your own analysis as I don't want any litigation to startup
etc.

So here it is for your enjoyment and after 24 hours I will remove
this file from my system, thus the only place you can get it is from
this posting and the archives. This material is not to appear in ANY
publication without written permission from me and may only appear in
raw form, i.e. no mods made to manipulate the data or the results
implied or otherwise. I will send it in this form to all manufacturers
and kit suppliers for their own information as announced in the first
posting of the form. They should be drooling and paying attention once
they take Q90 and figure out how much money this group (and it's only
a part of the entire group) has out on the table. :-) It doesn't take
a rocket scientist to tell that this group has/had a lot of money.
Hopefully the kit people and manufacturers will be paying attention.
Let's also hope that I've done my homework right or close to it.

------------------------------envelope please-----------------------
------------------------------here are the results--------------------

> Yes/No Questions to be answered with a Y or a N at the end of the
> line with a space after the question mark and uppercase is important.

> So just type a single Y for yes, N for no or D for doesn't apply or
> don't care. Don't answer on a separate line, please.
>
> Q1. Are you planning on buying a kit in the next year?
       Y - 159   N - 26   D - 3
> Q2. Would you prefer your next QRP transceiver to be a kit?
       Y - 162   N - 19   D - 5
> Q3. Would you prefer your next QRP transceiver to be assembled?
       Y - 17   N - 156   D - 18
>   If the next dream rig is marketed as a kit, would you buy it
> Q4. pre-assembled?
       Y - 48   N - 130   D - 9
> Q5. Is your main station rig a QRP only rig?
       Y - 61   N - 125   D - 1
> Q6. Do you currently operate any mobile QRP?
       Y - 44   N - 143   D - 1
> Q7. Do you have a QRP rig for and do camping trips/backpacking?
       Y - 111   N - 79   D - 2
> Q8. Do you operate any QRP ARCI contests or QRP only events?
       Y - 127   N - 63   D - 1
> Q9. Do you operate any QRO contests or events with QRP levels?
       Y - 129   N - 53   D - 2
>
> Numerical Answers Required: place an integer number at the end of
> the line with at least one space after the question mark. One is
> enough and more than 5 or 6 spaces is too many.
>
> Q10. What percentage of your air time is QRP?
       0-20%=20 21-40%=8 41-60%=20 61-80%=33 81-100%=107
> Q11. How many hours per week do you operate?
       0-1hr=29 2-3hrs=46 4-8hrs=56 9-10hrs=33 >10hrs=16
> Q12. How many QRP rigs or rigs that are capable of QRP do you own?
       1=13 2=27 3=34 4=37 5=14 6=21 7=11 8 or more=28
> Q13. How many of these rigs are commercial assembled rigs?
       0=23 1=66 2=48 3=25 4=12 5 or more=8
> Q14. How many homebrew or kit QRP rigs have you done in the last 3 years?
       0=21 1=22 2=32 3=61 4=18 5=12 6=3 7 or more=7
> Q15. How many homebrew or kit QRP rigs have you done in the last year?
       0=38 1=55 2=43 3=18 4=12 5=4 6 or more=4
> Q16. What is the upper limit price for you for a single band rig?
       $100 or less=36 $101-$150=86 $151-$175=32 $176-$200=7   >$200=16
> Q17. What is the upper limit price for you for a multi-band rig, say 4 bands?
       Too many people answered with the number of bands instead of the dollar
       value here so this question is a no-op at this time.
>
> On a scale of 1 to 10, where 1 is 'not important' and 10 is 'absolutely
> essential', please rate the following functions, etc.
>

> Q18. Noise Blanker
> Q19. Pass Band Tuning
> Q20. Variable Bandwidth Filter
> Q21. Low Pass Audio
> Q22. Adjustable Mike Gain
> Q23. Variable TX Power Output
> Q24. Power Meter
> Q25. Speech Processor
> Q26. Synthesized Oscillator
> Q27. General Coverage Receiver
> Q28. Digital Display
> Q29. Notch Filter
> Q30. Power Phones Only
> Q31. Power a Speaker
> Q32. Low Current Drain on RX
> Q33. VFO
> Q34. Small Size
> Q35. RIT
> Q36. AGC
> Q37. SSB
> Q38. CW
> Q39. FM
> Q40. RTTY or Digital
> Q41. S-Meter
> Q42. AF Gain
> Q43. RF Gain
> Q44. QSK without a relay
> Q45. Built-in Keyer
> Q46. Mono Band Rig
> Q47. Multi Band Rig
> Q48. All Band Rig
> Q49. Split VFO for contest/DX work
> Q50. XIT - Transmit Incremental Tuning

Answers	0	1	2	3	4	5	6	7	8	9	10
Question	-	--	--	--	--	--	--	--	--	--	--
Q18	3	40	19	28	12	39	9	7	15	5	11
Q19	1	15	17	26	10	54	11	15	24	4	11
Q20	1	4	10	13	10	28	11	33	34	16	28
Q21	1	17	9	18	13	66	12	13	24	7	8
Q22	5	65	15	20	8	41	4	9	11	4	6
Q23	2	4	10	7	12	31	9	22	32	19	40
Q24	5	37	18	26	9	32	7	23	14	5	12
Q25	5	73	15	23	8	36	4	6	9	4	5
Q26	3	26	14	28	10	51	9	15	18	6	8
Q27	4	52	24	26	5	32	9	17	7	5	7
Q28	3	16	14	28	15	41	16	18	16	3	18
Q29	2	20	14	27	13	45	23	20	16	3	5

Q30	3	44	18	22	8	59	8	14	8	1	3
Q31	3	20	18	18	7	56	9	24	18	7	8
Q32	2	11	2	8	12	30	15	35	31	21	21
Q33	1	1	0	1	0	10	4	14	29	36	92
Q34	2	6	1	11	15	31	11	37	42	15	17
Q35	1	1	0	1	3	14	6	19	40	32	71
Q36	2	3	3	9	5	25	7	39	44	25	26
Q37	6	45	9	13	17	42	13	17	11	8	6
Q38	1	0	1	0	0	5	4	6	11	23	137
Q39	16	103	23	13	6	20	2	2	1	0	1
Q40	9	76	18	18	12	25	12	9	6	2	1
Q41	3	25	16	27	16	31	19	19	19	9	4
Q42	1	2	1	1	5	20	1	17	33	26	81
Q43	1	3	8	3	10	26	13	27	37	24	36
Q44	1	4	2	2	3	16	2	23	29	43	63
Q45	3	25	11	14	17	33	18	22	19	13	13
Q46	1	30	12	12	19	60	19	20	11	3	1
Q47	1	8	3	9	10	52	13	24	33	21	14
Q48	2	24	13	15	11	40	12	16	21	12	22
Q49	5	40	16	21	17	28	19	25	6	0	11
Q50	7	69	26	17	16	19	9	13	7	5	0

>
> For each of the following put a Y if you currently
> operate on the band or have equipment capable of
> operating on the band. Put an N if not interested
> in the band. Again, a single space minimum to
> allow computer processing.
>
> Q50. 160M

Y	133
N	51

> Q51. 80M

Y	174
N	11

> Q52. 40M

Y	186
N	0

> Q53. 30M

Y	182
N	4

> Q54. 20M

Y	184
N	2

> Q55. 17M

Y	166
N	20

> Q56. 15M

```
    Y       181
    N         5
> Q57.  12M
    Y       159
    N        27
> Q58.  10M
    Y       179
    N         7
> Q59.  6M
    Y       117
    N        65
> Q60.  above 6M
    Y       143
    N        41
>
> Yes or No questions.  Do you own the following equipment?
>
> Q61. Digital VOM
    Y       167
    N        21
> Q62. QRP Wattmeter
    Y       144
    N        43
> Q63. Oscilloscope
    Y       105
    N        82
> Q64. RF Signal Generator
    Y       101
    N        87
> Q65. Frequency Counter
    Y       126
    N        61
>
> Yes or No (Y or N) questions.  Do you belong to the following clubs
> or organizations?  Sorry, couldn't list them all.
>
                              YES       NO
> Q66.  ARRL                  157       29
> Q67.  G-QRP                  60      127
> Q68.  QRP ARCI              116       69
> Q69.  NorCal                116       73
> Q70.  QRP-L                 180        7
> Q71.  MI-QRP                 27      152
> Q72.  NE-QRP                 39      149
> Q73.  CQC                    32      149
> Q74.  NW-QRP                 19      169
> Q75.  AZ-QRP                  9      172
> Q76.  St Louis QRP            2      178
```

>
> Yes or No (Y or N) questions. Do you subscribe to or
> regularly purchase the following publications?
>
> Q77. QST   168   18
> Q78. CQ Magazine   73   116
> Q79. QRP Quarterly   117   70
> Q80. QRPp   112   73
> Q81. T5W   22   158
> Q82. WorldRadio   58   125
> Q83. 72   33   149
> Q84. 73 Magazine   58   128
> Q85. CQC LowDown   32   157
> Q86. Hambrew Magazine   31   158
> Q87. SPRAT   57   125
> Q88. QEX   35   146
> Q89. NW-QRP Newsletter   18   170
>
>   How much do you plan (approximately) to spend on a
> Q90. new equipment in next 12 months?

       Don't Know=4 0-$100=12 $101-$200=32 $201-$300=34
       $301-$500=56 $501-$999=21 $1,000-$2,000=17
       more than $2,000=5

Chuck Adams (K5FO CP-60) adams@sgi.com
K5FO   TMPS 1995 Qs=222 States=46 Confirmed=127 DX=04 (0.95W)
K5FO   TMPS 1996 Qs=084 States=33 Confirmed=54   DX=04 (0.95W)
40M 49wkd/49cfmd 30M 48wkd/48cfmd   20M 50wkd/50cfmd (0.95W)

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "GREG BREEDEN" <gbreeden@sprynet.com>
Subject: [2861] Ten Tec: Argosy accessories
Message-ID: <89731.gbreeden@sprynet.com>

I am looking for some plug in boards for the Argosy 525.

Noise Blanker Model #225

AF Filter Model #224

Crystal CW filter 500 hz #217

The crystal filters are available new, just wondering if anyone has

them used. Drop me an E-mail if you can help. Thanks!

Greg Breeden KM4VZ

Greg Breeden KM4VZ
502 Ikes Rd.
Taylors,SC 29687
==========
864-244-9074

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [2870] Ten-Tec QRP rigs
Message-ID: <Pine.SOL.3.94.960819210123.1616A-100000@utkux4.utcc.utk.edu>

Went by Ten-Tec while down in Sevierville this morning. Talked to staff about the upcoming QRP kits. They showed me a prototype of the 1380 for (of course) 80 meters. They will have kits for each of these bands: 80, 40, 30, 20. The prototype was in an unpainted cabnet, but the final units will use a silkscreened from panel.

The rigs will be monoband kits for under $100. The boards are about 3 (maybe 3.5) by 5 inches, with hte final transistor heat sinked to an aluminum strip that also braces the board. THe case is clam shell. Front panel has 4 controls: power switch, tuning, RIT, and volume. Rear panel has RF out, key in, phones, 12 v in, and 12 v out (to power a keyer or other accessory). speaker will be in the top of the enclosure.

Circuit will be fairly easy to build, with not a lot of cramming of components. Uses canned coils where possible. Counted 4 toroids, 3 in TX output filter, and 1 in VFO (decision to prewind or send core and wire not yet made). They melted wax on the VFO compnents to fix them in place: 3-4 MHz range for all rigs. Coverage will be about 50 kHz, selecable during building. Power O/P 3-4 watts.

Filtering is in the IF--4 crystals. No AF filtering, but there is a post-detector op amp (dual, one for AF, other for AGC) that has a designed roll-off above 3 kHz for better audio. Receiver input is double tuned for better shaping and rejection.

Cost, including the case, will be under $100. No plans to sell the unit without the case for custom installations. Although I encouraged them, there are no plans for a post-detector jumper to permit insertion of audio filtering. No internal keyer. Availability target: October-November this year (Stocking stuffer, anyone?).

Sorry, no magnifying glass to get parts numbers of directly soldered ICs. (I suggested they test and advise in manual whether sockets are usable for any of them.) (I also suggested to them that they expect in the first year after introduction at least one dozen articles with modifications made by users.)

I hope this information is useful to those anticipating the rig. I specifically asked permission to relay what I learned from conversations, and they had no objection to my sharing information on the prototype.

Ten-Tec is undergoing some remodeling, so their display space is pretty barren at present. Not sure when they will be reset for walk-ins, but the staff, as always, was congenial and helpful.

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [2821] The Whole Pie! <long but worth it>
Message-ID: <Pine.OSF.3.91.960815162902.16380A-100000@saturn.acs.oakland.edu>

I received MANY requests for the whole QRP-L Pie in four hours. Hit delete NOW if this is not your cup-o-tea.

PREFACE: QRP-L has its ups and downs every year. Summer is a pretty weak period for QRP activities and it seems that the signal to noise ratio on QRP-L gets tilted towards noise :-)

There have been several publicly written flame wars and just a lot of trash and the "problem" seems to be growing... to the point that the following quote made me wax lyrically.

BTW: this is not directed at any ONE individual either - we all (including me!) need a gentle reminder to all to keep QRP-L one of the friendliest places on the net.

Now with appologies to Don MacLean...

Q R P - L P I E
by: wb8zjl

Prelude: Since your mind is set in concrete, I guess the discussion is over.
          Don't bother to reply as you will be directed to dev/nul.

      ****

A long, long time ago,
I can still remember how
QRP-L used to make me smile.
And I knew if I had a chance
For at my postings, you should glance,
That maybe you'd be happy for a while.
But February made made me shiver,
Those Fox Hunt reports made us quiver.
Hope you took them in stride
To dev null, they'd nev-er hide.
I can't remember if I cried
Over all those rotten limericks tried
But these emotions I can't hide,
The day QRP-L died.
So we are singing...

[Refrain]
Bye bye all you flamers bye bye!
All you net cops would you please drop
your subscription? My my!
You good ol' boys please just take leave (with your noise)
Singing "This'll be the day that I try..."
"This'll be the day that I try..."

(Verse 2) -up tempo-
Chuck didn't start this group
To give you a place to fling your poop.
If to whining you must stoop...
Now do you believe in QRP?
Or do you simply want to flame me?
And please, take off, your CAPS LOCK ke-y.
Well I know your flaming makes you proud
'Cause it really seems to draw a crowd.
You both have dropped your gloves
Try not to be hawks and be doves.
Whoooooo!
I was a lonely teenage novice op
With a crystal rig missing its top
And a nasty chirp I could not stop
The day QRP-L died.
I started singing...
Refrain

(Verse 3)
And for two years we were on our own
With the T M P S (not on Phone)
A contest on thirty? No!
Some jokers' switching power supply thread
Once had the list group seeing red
And that, died down too, you know?
Oh, and once the last Fox Hunt was through
I did not mail the mugs out to
The hams that'd justly won
Finding boxes for them isn't fun.
And while some debate C W
The tech-lites population grew.
We ran the mode that we all knew
The day, QRP-L died.
We all were singing...
Refrain

(Verse 4)
Like Gump's feather we dropped the Dayton Weather
But resubscribed 'cause even it got better.
When they moved the date to Maaaaaaaaaay!
WHAM! Subscribers joined en-mass
As the word got out, "This list's a gas!"
And, "QRPers have a blast!"
Now bad habits are, like, etched in stone,
And USENET lowlifes brought theirs to our home!
I thought, "Who invited them?"
This nastiness has a stem!
Oh, yeah, sometimes we'd had our fights
like, I'm against antennas up on kites!
But because that's dumb, doesn't make ME right,
The day QRP-L died.
We started singing...
Refrain

(Verse 5)
I've been here almost since day one
And goodness me it's sure been FUN
Though recently began to sour.
If you thought that I'd just sit by
And watch this list group slowly die,
You've got another thought to think.
We could do with a LOT less scandal
If you guys'd reached for the orange handle
On the morning coffee pot.
It's worth it, hey, take a shot!
So all SPAMMERS, Net Cops, Whiners too,

We really have no use for you.
Send to listserv at lehigh dot E D U
unsubscribe qrp-l
Then we'll be singing
Refrain

(Verse 6) -slowly-
A note read here was filled with hate
Because the QRPp was late
Shaking my head, I typed a "D."
Then tuned 'round seven dot oh four
Where I'd heard some weak ones once before
But found some spanish-speaking LSB.
In usenet groups the people SCREAM
But here we talk and joke and dream
Of sunspots long been missing
And Altoids for pre-kissing!
The three rigs I admire most
Were not shipped from some foreign coast.
Homebrew one so you too can boast.
The day QRP-L died
Join me in singing...
Refrain 2x

73! =paul= wb8zjl

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [2826] TWO DOWN, ONE TO GO!
Message-ID: <9608191638.AA04144@itg.ti.com>

From: Brad Bradfield   QLF

Subj: TWO DOWN, ONE TO GO!

Well friends and neighbors, I'm now well on my way to buying a Sierra. Two weeks ago I sold my old and faithful Kenwood TS-520S (purchased new in 1978) and yesterday sold my MFJ-9040. As soon as I have the cash-in-hand from the 520S sale, I'll have enough to purchase the Wilderness Sierra w/band modules. Always liked the MFJ, but got tired of only one band.

73's

Brad, WB0CGH
****

Brad Bradfield, PE
(H) 817-321-2960
(W) 214-462-6230

Electrical Design Engineer
Texas Instruments, Inc.

Real men talk with their fingers!

QLF@MSG.TI.COM
WB0CGH@WO5H.#DFW.TX.USA.NA
ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72
Collector of wireless and landline Morse keys and accessories.
****

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: David Johnson <djohnson@acpub.duke.edu>
Subject: [2829] Ukrainian Hams Project
Message-ID: <Pine.SOL.3.91.960819123253.19467B-100000@bio4.acpub.duke.edu>

Dear KnightLites, QRP-L listmembers, and other interested folks:

Just wanted to provide a bit of an update on the exciting opportunity we have to help out some Ukrainian Amateur Radio Operators with some needed reference materials.

This project started among the KnightLites, a group of QRPers who gather on the internet and on 80m, but is spreading to other groups as an opportunity to fulfill one of the great purposes of the Amateur Radio Service. Of course, I am referring to the promotion of international goodwill. Andy, UT5GM, has been visiting the USA and attended the KnightLite 1996 Field Day, and told us how one of the main needs of hams in his country is information, in the form of books and magazines. The project we are undertaking is to collect donations of ham and electronics magazines and books, and get them shipped over to the Ukrainian Hams.

We have already identified several individuals willing to donate materials. We decided to approach amateur radio clubs in the USA for financial support, which will go only for the packaging and shipping of donated materials to the Ukrainian Hmas.

Last week at the monthly meeting of our local ham club, the Durham FM Association, I described the project to the members and then took a poll to see who was supportive

of the club providing funds for this project. The result
was near-unanimous support!

I am in Durham, NC, and hope that other clubs throughout
the USA will respond. This is a super opportunity for
USA amateur operators to show support of their friends
in other countries, and thus act to fulfill that goal
of our amateur radio service, that of promoting
international goodwill. Let's work together with the
Ukrainian hams to help them grow in our great hobby, and
show them that USA hams want the best for their
ham friends in the Ukraine!

Andy UT5GM is a great guy, really sincere, and very
interested in learning more about radio. You should have
seen him working the QRP 40m SSB station. I was his
logger for awhile, and he was working stations right and
left! He says that in the Ukraine, the infrastructure
supplying goods and services is very weak, and the
resources for learning about ham radio projects is
almost nonexistent. Let's help solve this shortage!

Paul, AA4XX, and I will be working on gathering information
on packaging and shipping. We need to find out the available
options for shipping materials, and their associated costs.
One of the possibilities that arose at the DFMA meeting was
getting help from those working at military bases in NC.
There are several military aviation centers in the state,
and we have one contact already who will investigate
this as a possible method.

Gary, N3GO, and I have been contacting folks at another
area club, the Raleigh Amateur Radio Society (RARS),
and KnightLite Jeff, AC4ZO, will present the project to
the RARS Board of Directors this week.

I will keep you informed of further developments in this
exciting project!

72,

Dave

David W. Johnson, Ph.D.   QRP ARCI 6546
Amateur Radio Extra WA4NID   G-QRP 4864
email: djohnson@acpub.duke.edu   NorCal 355
packet: WA4NID@WR4AGC.#DUR.NC.USA.NOAM   TSRAC 3482

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [2869] updated archive files
Message-ID: <Pine.SOL.3.94.960819202827.28379B-100000@utkux4.utcc.utk.edu>

I have just updated the periodicals list to include the new address for
Mike Bryce of QRP ARCI. I have also added the new ARRL book, QRP Power,
to the liest of electronics books of interest to QRPers.

Newcomers to the list may not be fully aware of all the information
available to them in the QRP-L archives. Send a message to
LISTSERV@LEHIGH.EDU with the text INDEX QRP-L -ALL and you will receive a
list of everything on file. Then use the instructions in your welcome
message, summarized not long ago by K5FO, to get any of the files via
e-mail (or ftp).

Incidentally, the new ARRL volume contains many familiar authors.
However, for those who do not subscribe to QEX, the volume will introduce
you to the technical expertise of Zack Lau, KH6CP/1, who writes an "RF"
column for QEX. If I give a short list of authors, the I insult the ones
I omit--so I'll omit all and let you look for the book to find out who is
there. It is a good collection, IMHO, even if I am prejudiced by a
couple of volunteer hats I wear for the League.

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: James Bell <jim.bell@canada.cdev.com>
Subject: [2813] RE:49 er and BCI
Message-ID: <199608191213.IAA39752@nss2.CC.Lehigh.EDU>

Thanks to all who E-mailed me .
The Diode -type mixer referred to by me is not a ring mixer.
I dont think that a ring mixer cancells out opposite sidebands
or requires an oscillator input at 1/2 the input freq.
I found a circuit of a QRP rig using it in july 1980 H.R.
I believe that TECHNICAL TOPICS had a write up on it years ago.
Check AMATEUR RADIO TECHNIQUES around the mid 70's
This idea was developed by the Russians for clandestine

operations in that transceivers using this mixer could shelter
and operate right under the sideband of a broadcast station
and not be detected by other standard equipment because of the
presence of the BC station.
 The point that I wanted to draw attention to was :
1./No BCI.   2./ No microphonics
  The receiver is a Direct conversion type but the oscillator
runs at 1/2 the desired freq.
72
 Jim VE3DDY

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: rob3ert@juno.com (Robert G. Parks)
Subject: [2837] Re: 49 er and BCI
Message-ID: <19960819.104247.10086.1.rob3ert@juno.com>

On Mon, 19 Aug 96 08:15:47 -700 James Bell <jim.bell@canada.cdev.com>
writes:
>Thanks to all who E-mailed me .
>The Diode -type mixer referred to by me is not a ring mixer.
>I dont think that a ring mixer cancells out opposite sidebands
>or requires an oscillator input at 1/2 the input freq.
>I found a circuit of a QRP rig using it in july 1980 H.R.
>I believe that TECHNICAL TOPICS had a write up on it years ago.
>Check AMATEUR RADIO TECHNIQUES around the mid 70's
>This idea was developed by the Russians for clandestine
>operations in that transceivers using this mixer could shelter
>and operate right under the sideband of a broadcast station
>and not be detected by other standard equipment because of the
>presence of the BC station.
> The point that I wanted to draw attention to was :
>1./No BCI.   2./ No microphonics
> The receiver is a Direct conversion type but the oscillator
>runs at 1/2 the desired freq.
>72
> Jim VE3DDY
>
>
>
In the April, 1980 Ham Radio magazine, there is an article by Gary Breed
WB5DJE, for a 40 meter xcvr using just such a detector with a vfo at 1/2
frequency. I believe that a kit for this xcvr was available for many
years, known as the "Breed kit". I am still trying to find several
references to this type of detector written by several European hams

circa 1980. When (and if!) I find them, I'll post the info here. I've tried the detectors and they work well.

72/73

Bob Parks
K6AEC

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [2824] Re: 49er
Message-ID: <Roam.3.0.840470474.21190.myers@bigboy>

Jeff Gold, AC4HF, wrote:

> I think Wayne is pretty amazing. He sets out to design something
> and it seems to come out pretty much the way he wants. The thing I
> find with Wayne's designs are that they seem to be pretty much
> very reproducable. They work the way they are suppose to as long
> as you do a fair job of putting the parts in the correct place and
> avoid solder joints.

Good comment! As a kid, I wondered why some circuits had so many components when other circuits for the same function had very few components. The answer almost always ended up being stability and/or reproducibility. Often, careful circuit design can accomplish good reproducibility without significantly inflating the number of parts required.

Dana KK6JQ
Dana@Source.Net

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [2854] Re: AM vs. SSB receivers question
Message-ID: <2.2.32.19960819204234.0088353c@public.compusult.nf.ca>

Brian and QRP-L Gang,

Hang on for a month or so. I'm not letting the cat out of the bag (sure) but I believe the QRP ARCI "QRP Quarterly" Oct 96 newsletter will be republishing an article from the June issue of the New England QRP newsletter "72" on a HOT HOT new QRP receiver design by Steve Weber KD1JV.

Can I tease you with : rf amplifed static ring mixer front end all set up for the new direct digital frequency synthesizers (coverage 0-30 mhz), RF derived AGC using a new FM IF Strip chip, one chip switched capacitance low-pass filter, seperate detectors for AM and CW, QSK diode switching for operation with a transmitter and MORE and MORE.

That's all I'm going to say for now - if you can't wait drop Dennis Marandos K1LGQ <k1lgq@dennis.mv.com> a note and join NE QRP Club or wait until the QQ hits the stands.

Cheers 73/72 Bob VO1DRB/WA6ERB

(At 11:32 8/19/96 -0600, you wrote:

>What I would like to do is combine the radio in the Advanced Qualification
>diagram with the digital VFO recently featured in QST to create a receiver
>capable of receiving all the bands up to 10 meters. I would also like the
>only tuning necessary to be on the VFO.

>Has anyone done this? Are there good references to read that would help
>me plan this?
>
>Thanks.
>
>Brian.

 ____
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet: rgobrick@nfld.com |
| Compuserve: 70466.1405@compuserve.com |
|____|

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "George T. Pasek Jr." <pasek001@maroon.tc.umn.edu>
Subject: Calling CQ ??

This is probably old hat, but humor me, I'm new to QRP and this list. How
does one go about calling CQ QRP?

If I hear someone calling "CQ DX" that tells me that they are looking for
a DX contact. If they are a state-side station, then I would not

answer
because they are saying they are not interested in hearing from
Minnesota.

If I heard someone calling "CQ QRP" I'd figure they were
looking for a
QRP station, and I wouldn't contact them unless I was one.

So if I'm running QRP, and I want stations that hear me calling
CQ to know
that I'm weak because of the low power and to stop by for at
least a
signal report even is they don't expect to carry on a lengthy
QSO, what do
I call?

de George
WD0AKZ

<---- End Forwarded Message ---->

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Vic Simpson <vsimpson@boco.demon.co.uk>
Subject: [2868] Re: Calling CQ ??
Message-ID: <ADOfOaAmLPGyEwQL@boco.demon.co.uk>

In message <56148.pasek001@maroon.tc.umn.edu>, "George T. Pasek Jr."
<pasek001@maroon.tc.umn.edu> writes
>If I heard someone calling "CQ QRP" I'd figure they were _looking_ for a
>QRP station, and I wouldn't contact them unless I was one.
Check.
>
>So if I'm running QRP, and I want stations that hear me calling CQ to know
>that I'm weak because of the low power and to stop by for at least a
>signal report even is they don't expect to carry on a lengthy QSO, what do
>I call?
CQ CQ CQ de WD0AKZ WD0AKZ K K   would do it.

Stations respond to CQ calls for a variety of reasons:-
1) Because they admire your beautifully formed cw
2) Because they need your country/state etc

3) Because they have checked your call and recognise a fellow xyz club member
4) Because they love cw and would never pass up a chance to use it
5) Because they have noted your operating within a few kHz of a qrp activity centre and realise what that might mean.
The other zillion reasons for responding I leave to you.

I believe QRP'rs are simply ordinary ops who choose to use low power levels. Others will respond or not according to their whim. I do not regard operating qrp as a disability that needs to be compensated for by adopting a particular call format.

I *do* call CQ CQ CQ QRP de G0BVZ QRP G0BVZ QRP K K around the recognised QRP activity centres for that purest of QRP contacts, the two way QRP QSO.

If you *really* want to find where your QRP signal reaches, give points away in major contests. It is amazing how many ops eagerly respond to your call with no apparent problem, regardless of their location in the world. Of course, on the Monday following the end of the contest these same ops will have developed their old selective hearing!

Listen around the QRP activity centres - you *will* hear some of the finest ops around showing how QRP works. Otherwise, save time and effort by tuning around, listening for the stations *you* want to work and pounce when their QSO ends. Tailending works!

73 de G0BVZ, Vic
RSGB G-QRP AGCW ARCI(When I remember to renew!) SCAG DIG

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "michael (w.m.) babineau" <babineau@nortel.ca>
Subject: [2859] re:Comments on MFJ QRP Tuner?
Message-ID: <"25425 Mon Aug 19 09:27:07 1996"@bnr.ca>

All :

Many thanks for the numerous responses regarding my questions on the MFJ 971 QRP Tuner.

Consensus is that it works pretty well in the 1-2 W range and possible down as low as 500mw.

This should provide me with a good alternative to hauling my MFJ 901B and OHR WM-1 around with me camping.

Again, thanks to all who responded.

72

Michael
VE3WMB

---forwarded-message---->

Aug 16 12:16 1996

From: Michael Babineau :7I93 (BNR) SKY BNR

Subject: Comments on MFJ QRP Tuner?

Hi :

I'm looking for some feedback from owners of the MFJ QRP Tuner.
I think the model is 941?? Anyway, it is the one with the cross-needle
meters that matches their line of QRP rigs.

I understand the this tuner can be configured so that max scale in the
forward direction corresponds to 6 watts. What I am interested in
is whether it is sensitive enough to give a reasonable indication of SWR
with 1 to 2 watts in (ie the power output of most of the available QRP kits).

Comments appreciated.

Michael
VE3WMB

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [2845] Re: cores for W7EL wattmeter
Message-ID: <96Aug19.151514-0400edt.65735-14099+217@hooch.CC.Lehigh.EDU>

> Just a note about the type 72 ferrite cores used in the W7EL QRP
> wattmeter - apparently Amidon doesn't sell that type anymore.
>
> A couple of us here are looking at type 77 as a replacement. I built
> up the coupler for the wattmeter and attached coax connectors at the
> two "diode" ports... preliminary sweep results look good for using
> type 77 as a replacement for type 72. We're using an HP network
> analyzer, sweeping 0.3-500 MHz. I'll post again when we finish up!

Later (1995) ARRL Handbooks specify the type 77 for this project.

73
Jim N3VXI

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [2848] Re: cores for W7EL wattmeter
Message-ID:
<Pine.GSO.3.93.960819155330.15698A-100000@conciliator.acsu.buffalo.edu>

I have used the type 77 core for my wattmeter. It seems to work OK.I plan on putting the peak reading mod in as described in Hinks and Kinks by Larry. He described it for the WM-1. Which appears to be the same meter. Mine costed about $8 to make. I made my new meter scale with a variable size copier and place it on top of the old scale. I have to admit it looks pretty nice :-)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

On Mon, 19 Aug 1996, 19-Aug-1996 1435 wrote:

> QRPers,
>
> Just a note about the type 72 ferrite cores used in the W7EL QRP
> wattmeter - apparently Amidon doesn't sell that type anymore.
>
> A couple of us here are looking at type 77 as a replacement. I built
> up the coupler for the wattmeter and attached coax connectors at the
> two "diode" ports... preliminary sweep results look good for using
> type 77 as a replacement for type 72. We're using an HP network
> analyzer, sweeping 0.3-500 MHz. I'll post again when we finish up!
>
> -Tom R. N1OOQ randolph@asic.enet.dec.com
>

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Robert J. Gobrick" <rgobrick@nfld.com>
Subject: [2855] Re: CUrtis Chip
Message-ID: <2.2.32.19960819204236.0089fc50@public.compusult.nf.ca>

Hi Warren and QRP-L Curtis Experts,

If it is truly a 16 pin 8044 and not an 8044B then you may be out of luck. I just checked the Curtis notes and the 8044, 8044M and 8044B are discontinued (as will be the 8044ABM in the future). The 8044 was a Curtis "A" mode and the 8044B a "B" mode.

So you may want to drop Vibroplex a line and see if they can sell you a whole new assembly using the 8044ABM chip or hunt around for a "used" 8044B chip.

Finally maybe your friend ones to remove the assembly and "trade" with a Brass Racer owner who prefers the "A" mode - hi.

Anyone know additional history of this?

Cheers 73/72 Bob VO1DRB/WA6ERB

At 13:20 8/19/96 -0400, you wrote:
>Gang,
>
> A friend of mine has a 16 pin Curtis 8044 keyer chip.
>Currently, it is set for Mode A type keying. He would like
>for it to do Mode B. Is this even possible? And if so what
>pin or pins and what needs to be changed?

 ____
| Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada |
| QRPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet: rgobrick@nfld.com |
| Compuserve: 70466.1405@compuserve.com |
|____|

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: gmdiana@kodak.com (Gary Diana)
Subject: [2831] Re: Ferrite beads, J309's, MVAM108s, etc.
Message-ID: <9608191714.AA07783@monolith.bisco.kodak.COM>

Hello all -

I've had a somewhat more difficult time finding parts for my latest project: the Epiphyte II (QRPp March 96). I've found a source for the MVAM109 ($2.00), which is nearly identical to the MVAM108. Also, J309s ($0.70) can be found there.

DC Electronics
PO Box 3202
Scottsdale AZ 85257
1-800-467-7736

They also sell many of the popular linear devices, specialty ICs (including many of the vhf/uhf motorola tx/rx chips, maxim chips, PLLs, amplifiers), nte devices, tentec enclosures, pc boardmaking supplies, and some surface mount components. Shipping is $4 and as far as I know the catalog is free.

"Just a satisfied customer"
- Gary N2JGU
gmdsr@vivanet.com

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [2811] Re: Ferrite beads, J309's, MVAM108s: examples of Future Stock?
Message-ID: <Pine.GSO.3.93.960819065147.3257A-100000@orichalc.acsu.buffalo.edu>

I just called about the small knob for the Sierra.
I wanted a matching knob for an ABX control.
The price quoted was $3.00 plus shipping.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Adam O'Donnell" <adam@philadelphia.libertynet.org>
Subject: [2872] Re: Fwd: FW: INTERNET VIRUS
Message-ID: <199608200307.XAA26563@philadelphia.libertynet.org>

For anyone who does not know, there is no vius called Good Times.
It is a gag to get the newbies.

There is no way to spread a virus through an ASCII (escentially what
an e-mail is.) There is only a few doucment type viruses out there,
mostly spread through Microsoft Word's Macro language. There is a
cure for that available from the microsoft home page.

I repeat:

THERE IS NO GOOD TIMES VIRUS. IT IS A JOKE!
IT'S A PIECE OF NET LEGEND.

l8r
--
Adam O'Donnell, N3RCS | PGP Public Key available
adam@libertynet.org, n3rcs@amsat.org | upon finger.

"The pursuit of truth and beauty is a sphere of activity in
 which we are permitted to remain children all our lives."
                -- Albert Einstein

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: lee@radioadv.com (Lee Richey)
Subject: [2852] Re: keyers
Message-ID: <1.5.4.32.19960819210238.0075404c@radioadv.com>

>
>Can someone please tell me what the characteristics are for Iambic A
>and Iambic B modes?
>
>tnx W9UQB Mike
>

Either mode will work equally well when using a single lever
paddle. When using a dual lever paddle and squeeze keying
however, there is a significant difference between A and B
operation. When squeeze keying in iambic A mode, when the
paddles are released simultaneously, the element currently being
sent will be completed along with its following space and the
sequence will terminate. When squeeze keying in iambic B mode,
when the paddles are released simultaneously, the element
currently being sent will be completed along with its following
space and then the opposite element will be sent with its
following space.

For example:

A Mode - In sending the "C" in CQ, squeeze dah/dit (in
that order) and hold until the second dit is being sent. At that
point simultaneously release both paddles. Actually, the dah
paddle could have been released as soon as the dah was
generated.

B Mode - In sending the "C" in CQ, squeeze dah/dit (in that
order) and hold until the second dah is being sent. At that
point simultaneously release both paddles.

What I have described is rather general and simplified. Keyer
logic circuits have small differences which make the "feel" (timing)
slightly different from keyer to keyer, but the principles are the
same.

If you're starting from scratch, I recommend starting with mode
B.

Good luck and have fun.

-Lee Richey WA3FIY-

Lee@radioadv.com
http://www.radioadv.com

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Dave Hockaday <wb4iuy@ipass.net>
Subject: [2849] Re: LOWFER'S??
Message-ID: <199608192010.QAA09279@passport.ipass.net>

>Subj: LOWFER'S??
>
>I've seen brief notes here on the QRP-L about activity on the 160-190 kHz
>"Lowfer" band.

And speaking of such, listen to 166.67 khz for station BN. The first person
to sucessfully copy the infomation contained on the AM signal wins. Wins
what? I duuno, but they win.

It is transmitting 24 hours/day, and has been heard about 20 miles away so
far...

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: john andrews <jm165723@eee.org>
Subject: [2856] Re: LOWFER'S??
Message-ID: <3218E05A.2701@eee.org>

Dave Hockaday wrote:
>
> >Subj: LOWFER'S??
> >
> >I've seen brief notes here on the QRP-L about activity on the 160-190 kHz
> >"Lowfer" band.
>
> And speaking of such, listen to 166.67 khz for station BN. The first person
> to sucessfully copy the infomation contained on the AM signal wins. Wins
> what? I duuno, but they win.
>
> It is transmitting 24 hours/day, and has been heard about 20 miles away so
> far...

Hi Dave:

I gave away 4-5 of those 166.7 Khz xtals in hopes that folks would get
active on 1750.

Must be a tough haul to hear thru the QRN. ;-)

72, John, N5INZ/6

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Stanley Wilson <microres@crl.com>
Subject: [2863] Re: LOWFER'S??
Message-ID: <Pine.SUN.3.91.960819161256.6934A-100000@crl10.crl.com>

A great deal of real experimenting is going on the LOWFER band. You will
find CCW, QPSK, etc.. Maximun power is 1 watt and maximun antenna length
is 50 ft. So it is best to build the xmitter and install it into the
antenna. Long Wave Radio Club of America has a monthly magazine that
covers operation. It is called LowDown. de stan ak0b

On Mon, 19 Aug 1996 QLF%mimi@magic.itg.ti.com wrote:

> From: Brad Bradfield   QLF
>
> Subj: LOWFER'S??
>
> I've seen brief notes here on the QRP-L about activity on the 160-190 kHz
> "Lowfer" band. Could someone please send me (direct, please) some basic
> information on this band; power and antenna limits, modes, equipment, sources
> of information, etc?
>
> 73's
>
> Brad, WB0CGH
> **
> Brad Bradfield, PE   Electrical Design Engineer
> (H) 817-321-2960   Texas Instruments, Inc.
> (W) 214-462-6230
>   Real men talk with their fingers!
> QLF@MSG.TI.COM
> WB0CGH@WO5H.#DFW.TX.USA.NA
> ARRL Life Member   QRP-L #377   SMIRK #4906   IEEE(M)   ARS #72
> Collector of wireless and landline Morse keys and accessories.
> **
>
>
>

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: rnflyer@usa.pipeline.com (Rick Nash)
Subject: [2823] Re: OHR DD-1 Digital Dial/Counter
Message-ID: <199608191539.PAA12092@pipe9.h1.usa.pipeline.com>

O

>Hello Gang,
>
>I just completed the OHR DD-1 Digital Dial and am using it with my
OHR-400.
>>
>
>
>73, Steve K8IDN QRP-L #331
>
>
>

  Steve :

I would be interested in obtaining one of these dd-1 digital display for my OHR-400. Where can i get one. Thanks!!

Rick KB0TCY

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: DYARNES@aol.com
Subject: [2817] Re: parts
Message-ID: <960819094412_504697304@emout10.mail.aol.com>

In a message dated 96-08-18 09:17:18 EDT, rgobrick@nfld.com (Robert J. Gobrick) writes:

<< Possibly, since these are parts particular to the Wilderness Sierra maybe it
would be prudent to see if Bob at Wilderness would "stock" these onesy-twosy items for us (at a reasonable price and shipping price). >>

I'm not sure what you consider "reasonable", but I think Bob (or anyone else) providing such a service should add AT LEAST $3 to $5 to the cost of the item to cover "handling". My guess is that whoever handles orders like this will have to spend at least 15 or 20 minutes processing time. So 5 bucks is pretty cheap. Not for the part, but for his time. His time is certainly worth that much.

72 de David W7AQK

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [2843] RE: QRP and summertime trips
Message-ID: <53892.owen@apollo.eeel.nist.gov>

In message Mon, 19 Aug 1996 13:05:55 +1030,
Scott Rosenfeld NF3I <ham@w3eax.umd.edu> writes:

> Well, another summer trip has come and gone...so where does QRP fit in?
>

I could hear other peoples' 50 watts just fine,
> so I can only imagine how bad the QRN was over the eastern US...
>

> So basically, I would have had 30-second QSOs at 5 watts, whereas I had
> some very enjoyable 10-minute QSOs at 50 watts. I have sinned...
>
Just as you have to select the band for the distance you want to communicate, you have to also select the power. Sometimes it's not QRP. Sometimes it's the difference between having a QSO or not. In Ham Radio it's not always doing it under 5 Watts but doing it at all. In other words are we having fun? It's no fun running 5 watts or less and having no QSO's but it is fun when we CAN do it with 5 watts but at times we may have to go QRO. I once had a photography instructor who gave a perfect answer when he was asked how to get the perfect exposure without have to WASTE all that film by bracketing? His answer "It's not the film that expensive, it's getting to the site in the first place". I believe that this also can be applied to Ham Radio and QRP. You are forgiven.
73 Jim K4CGY QRP-L #72

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: Ronald Hands <Ronald.Hands@freenet.hamilton.on.ca>
Subject: [2847] Re: QRP and summertime trips
Message-ID: <Pine.SOL.3.91.960819155125.6737B-100000@james.freenet.hamilton.on.ca>

On Mon, 19 Aug 1996, Scott Rosenfeld NF3I wrote:

>
> Terribly stormy condx on 40 and 80 left S9+ static up in SE Ontario,
> hundreds of miles from the nearest T-storm.
>
  Nah, those were just slightly below optimum summer conditions here in Ontario.
  You should hear it when it really gets bad....
  BTW, the best way to monitor QRN conditions is to observe the corona discharge on the mosquitos' antennae.

-- Ron VE3SP
ronald.hands@freenet.hamilton.on.ca

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: lee@radioadv.com (Lee Richey)
Subject: [2851] Re: Super-het HF RX !WOW!

Message-ID: <1.5.4.32.19960819210052.0075819c@radioadv.com>

>..three-IC super-het with the old standbys NE602, LM386
>..and something "new" the PLESSEY Z414 --IF Gain--

Actually, the Z414 is a very old device and is on last time
buy status which means it is going away according to my vendor.

If you want to use it in anything, better lay in a supply
while they are still available.

There are newer devices which are much more capable and lower
cost like the National LM1868N for instance (which is also
going away around the middle of next year though).

-Lee Richey WA3FIY-

Lee@radioadv.com
http://www.radioadv.com

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [2825] Re: The Whole Pie! <long but worth it>
Message-ID: <Pine.OSF.3.95.960819100240.12811C-100000@duke.usask.ca>

On Mon, 19 Aug 1996, Paul R. Valko wrote:

>
> I received MANY requests for the whole QRP-L Pie in four hours. Hit
> delete NOW if this is not your cup-o-tea.
>
> PREFACE: QRP-L has its ups and downs every year. Summer is a pretty
> weak period for QRP activities and it seems that the signal to noise
> ratio on QRP-L gets tilted towards noise :-)
>
> There have been several publicly written flame wars and just a lot of
> trash and the "problem" seems to be growing... to the point that the
> following quote made me wax lyrically.
>
> BTW: this is not directed at any ONE individual either - we all
> (including me!) need a gentle reminder to all to keep QRP-L one of the
> friendliest places on the net.
>

Thanks Paul! I needed that. I was feeling kind of down...

It is perhaps a sad comment on the Internet that even with the flames QRP-L is STILL one of the friendliest places on the net. At least I don't see endless discussions like

X sucks
X rules
Re: X rules
Re: X sucks
Re: Re: X rules ...

(where X is anything you like or dislike ;-)

Perhaps we could start a song writing contest ...

What about this for a start:

Starry starry night.
A 40-9er poised to pounce,
On some unexpected meteor bounce ...

BTW: I think something good did come out of the CAPS war, at least for me. When I saw the all caps posting I thought it was odd that someone would shout throughout a whole message. But I'm a tolerant person and didn't think to much about it. Then I found out that some people write in all caps because that is what they find most comfortable. Now things make sense. They just grew up in a different culture than me. I just wish people could be more civil in exploring the differences between cultures...

Brian.

+---+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+---+
| "If I had only known, I would have been a locksmith." |
| -- Albert Einstein |
+---+

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996

From: Bill Acito 19-Aug-1996 1911 <acito@asdg.ENET.dec.com>
Subject: [2864] Re: The Whole Pie! <long but worth it>
Message-ID: <9608192332.AA22389@us1rmc.bb.dec.com>

re: the twist on Don Maclean's "American Pie"

For no other reason than the fact that 15 years ago I wrote an entire term paper on "American Pie", explaining all the lyrics (or at least, a good guess at them), that rendition was priceless.

That's going up on the wall next to the German electronics warning label...

> Das machine is nicht fur gefingerpoken und mittengrabben.
> Ist easy schnappen der springenwerk, blowenfusen und
> corkenpoppen mit spitzensparken...

...and my Twinkle, Twinkle, ala dweeb...

> Scintillate, scintillate, aerial verific
> Fain would I fathom thy nature specific...

Thanks for adding a little nostalgic perspective and humor to the list...

ObQRPrmk: 20 has been opening up lately, just in time for me to finish my 30m rig with a KC-2. I can't keep up with all of this...

b

(and yes, full versions of the above are available by email request only :-)

. . . . . . - I own my own words - . . . . . .

Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Mon Aug 19 23:21:40 1996
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [2818] Re: [2800] Re: construction bench lighting

Message-ID: <199608191419.HAA25353@netcom9.netcom.com>

> Date: Sun, 18 Aug 1996 12:03:06 -0500
> From: launerb@crl.com (William H. Launer)
> Aside from the lighting, another item I've found extremely useful for pcb work is a small, universal holding device. It consists of a cast iron base, with a 5" rod attached at the center with a swivel arm to the base. An
> alligator clip is attached to each end of the rod with a swivel clamp. I don't remember where I got it, and it doesn't have any markings on it, but it is a godsend when working on small items. It's also great for holding coaxial cable and connectors for terminating.

As it happens, my partner, KD6HXY, gave me one of these, with a magnifying glass attached for my birthday a few days back. It's a nice unit, that she picked up at Restoration Hardware in Berkeley. They were selling it for holding a small object for display, but she immediately recognized the usefulness of it to me. If you're interested I could locate more details, like a telephone # and price.
73, doug